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**DETAILED DESCRIPTION**

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2  
3 According to Figure 1 this device consists of a bottom or  
4  
5 base section 100, a clamp 200, a spindle 300, which is  
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7 threaded on both ends, a spring 400 and a T handle 500.

8  
9 The bottom section 100 is approximately 11  $\frac{3}{4}$ " inches long by  
10  
11 one-half inch thick. The bottom section has a width of  
12  
13 approximately 4  $\frac{3}{8}$ " inches. Figure 8 is an exploded view of the  
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15 device and shows the recessed grooves 220 on the underside of  
16  
17 the clamp 200.

18  
19 In the center of the base section there is a tapped and  
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21 threaded hole 600, which is approximately one-half inch in  
22  
23 diameter (Figure 1).

24  
25 One end of the threaded spindle 300, is screwed into the  
26  
27 hole 600 on the bottom section. The spindle 300 extends  
28  
29 through a hole in the center of the clamp 200 and through a hole  
30  
31 in the center 510 of the T handle 300. It is secured in place  
32  
33 by a hex nut 700.

34  
35 On the top of the bottom or base section 600 two recessed  
36  
37 concentric circles, 800 and 900, are formed on the top surface  
38  
39 of the base section. These concentric circles allow a quart and  
40  
41 pint jar to be securely positioned in the device. According to  
42  
43 Figure 1, a pint size and quart size can have been drawn to  
44  
45 demonstrate the placement within the recessed concentric circles.

46  
47 The recessed concentric circles 800, 900 are slightly  
48  
49 greater than the diameter of the bottom of each of the size cans  
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so that the cans will fit securely in the respective recessed concentric circle on the top surface of the base section of the device. The concentric circles are recessed to a depth of .187 inches for the quart size and .375 inches for the pint size can.

The indented circle to secure the pint size can 800 is indented to a greater depth so that the bottom of the pint size can will rest flush against the top surface of the base. The indented circle to secure the quart size can 900 is indented to a lesser depth so that the bottom of the quart size can will rest on the top surface of the base. This arrangement of one circle within another gives the appearance of concentric circles, which are offset from each other.

There are two sets of identical recessed concentric circles on each side of the base section as depicted in Figure 1 and are equally spaced from the midpoint of the base section. Figure 6 shows a pint size can in place and the recessed ring for the quart size can.

A spindle 300, which is secured in the hole at the bottom of the base section as depicted in Figure 1 is inserted into the hole 600 which has been tapped and threaded in the center of the base section and the spindle is secured at the top by a hex nut 700. The spindle is approximately 8 ½" inches long and is threaded at both ends.

The device may be made from a variety of materials, but stainless steel is preferable because it is non-corrosive and

1 durable. It may also be made from aluminum or molded plastic  
2  
3 depending on the specific needs of a job.  
4

5 The spindle is screwed into the hole 600 in the middle of  
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7 the base section and is inserted through the hole in the center of  
8  
9 the clamp 200 and through the hole in the center of the T  
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11 handle 500. A spring 400 is inserted over the spindle and is  
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13 positioned between the top surface of the clamp and the bottom  
14  
15 surface of the T handle.  
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17 The T-shaped handle 500 is approximately 5" inches in  
18  
19 length. This will allow the tradesman to pick up this device with  
20  
21 one hand.  
22

23 Between the T-handle and the base section there is a clamp  
24  
25 200 (Figure 1). A hole in the middle of the clamp allows the  
26  
27 spindle to pass through the center of the clamp. The hole in the  
28  
29 middle of the clamp is approximately one-half inch in diameter.  
30  
31 The spindle is inserted through the middle of the clamp. The  
32  
33 clamp freely moves up and down in a vertical fashion once the  
34  
35 device is assembled. The clamp is approximately  $2 \frac{3}{16}$  inches in  
36  
37 length. The clamp is equipped with one inch 210 rods, which are  
38  
39 inserted into a hole, which has been tapped and threaded on each  
40  
41 side of the clamp. A lock nut 215 secures the rods ~~(210)~~ in  
42  
43 place. These rods allow the tradesman to pull the clamp up and  
44  
45 remove the can(s) easily. The rods 210 extend approximately one  
46  
47 inch from the sides of the clamp and are perpendicular to the  
48  
49 sides of the clamp.  
50

1 On the bottom surface of the clamp 200 recessed grooves  
2  
3 220 have been placed on the underside of the clamp (Figure 8).  
4  
5 The recessed curved grooves have the following approximate  
6  
7 dimensions: 3/16 width, 3/16 diameter with a 1-inch radius. They  
8  
9 are approximately 1 3/8 inches apart on the underside of the  
10  
11 clamp.  
12

13 The purpose of the recessed grooves 200 is to allow this  
14  
15 device to be clamped to the top lid of the can so that the cans  
16  
17 are held securely in place by the downward pressure, which is  
18  
19 exerted by the spring 400.  
20

21 Between the top of the clamp 200 and the underside of the  
22  
23 T-handle, a compression spring 400 is placed to force the clamp  
24  
25 on the top of the cans (Figure 1). Without this spring the cans  
26  
27 would not remain in place.  
28

29 The specifics of the compression spring are not relevant to  
30  
31 this particular patent; however there must be sufficient downward  
32  
33 pressure on the cans to ensure a tight and secure placement of the  
34  
35 cans in the device.  
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37 It is contemplated that this device will be made from  
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39 durable, non-corrosive materials including but not limited to  
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41 stainless steel, aluminum and molded plastic.  
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